

AIRPORT CAPITAL GRANTS

During the next decade, the Glendale Airport will continue to grow in response to the business and recreational needs of Glendale and West Valley residents. Like most municipal airports, Glendale's airport relies heavily on federal and state grants to accomplish capital improvements. Typically, ninety-seven and one half percent of the cost of these improvements is grant-funded (95% federal and 2.5% state). The city's match of two and one half percent will come from the voter-approved, half-cent sales transportation tax.

The use of FY 2011 airport capital funding is contingent on the city receiving Federal Aviation Administration grants. The city will pursue grant funding for projects related to a security upgrade, pavement maintenance and blast fence removal. The Tower and Radio Upgrade Project is also expected to be completed during the fiscal year.



Project Name: Airport – Tower & Radio Upgrade

Funding Source: FAA & ADOT Grants/Transportation Half-Cent Sales Tax

Fund #: 2120

Project #: 79503

FY 2011 - 2020 Capital Improvement Program
Capital Projects By Fund and Project Number

2120 - Airport Capital Grants

Category: Other

	<u>FY 2011:</u>		<u>FY 2012:</u>	<u>FY 2013:</u>	<u>FY 2014:</u>	<u>FY 2015:</u>	<u>FYs 16-20:</u>
Capital Project Expenses	<u>Carrvover</u>	<u>New Funding</u>					
Existing Assets							
<i>Improvement of Existing Assets</i>							
79504 Airport-Security Upgrade	0	1,462,500	0	0	0	0	0
79515 Airport-Pavement Maintenance	0	195,000	195,000	195,000	195,000	195,000	0
79516 Airport-RSA Remove Blast Fence	0	292,500	0	0	0	0	0
<i>Replacement of Existing Assets</i>							
79503 Airport - Tower & Radio Upgrad	37,261	0	0	0	0	0	0
79511 Airport-Master Plan	0	0	0	300,000	0	0	0
Sub-Total - Existing Assets	<i>37,261</i>	<i>1,950,000</i>	<i>195,000</i>	<i>495,000</i>	<i>195,000</i>	<i>195,000</i>	<i>0</i>
New Assets							
T1460 Runway Land Purchase	0	0	0	14,625,000	0	0	0
T1461 Airport-EA Land Acq. 36 Acres	0	0	200,000	0	0	0	0
T1462 Airport-Capacity Study	0	0	100,000	0	0	0	0
T1463 Airport-EA East TWY, NW Ramp	0	0	0	0	250,000	0	0
T1467 Airport-EA RSA Improvements	0	0	0	200,000	0	0	0
T1469 Airport-Eastside Taxiway	0	0	0	0	0	5,812,000	0
T1470 Airport-EMAS Taxiway Pvmt	0	0	0	0	637,000	0	0
T1471 Airport-EMAS Design/Constr	0	0	0	0	0	7,200,000	0
Sub-Total - New Assets	<i>0</i>	<i>0</i>	<i>300,000</i>	<i>14,825,000</i>	<i>887,000</i>	<i>13,012,000</i>	<i>0</i>
Total Project Expenses:	\$37,261	\$1,950,000	\$495,000	\$15,320,000	\$1,082,000	\$13,207,000	\$0
Total FY 2011 Funding:		\$1,987,261					

* New Project

FY 2011-2020 Capital Improvement Plan

Capital Project Expenses Detail

2120 - Airport Capital Grants

Category: Other

Project: 79504 - Airport-Security Upgrade (I)

Funding Source:

Grants/City Match

Project Description: This is an FAA and ADOT funded project to acquire and install perimeter security equipment.

Capital Costs:	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Design	\$146,250	\$0	\$0	\$0	\$0	\$0
Construction	\$1,279,687	\$0	\$0	\$0	\$0	\$0
Miscellaneous/Other	\$36,563	\$0	\$0	\$0	\$0	\$0
TOTAL	\$1,462,500	\$0	\$0	\$0	\$0	\$0

Operating Description: No additional O and M is needed at this time.

Project: 79515 - Airport-Pavement Maintenance (I)

Funding Source:

Grants/City Match

Project Description: Runway and taxiway pavement maintenance is needed when cracks and deterioration occurs.

Capital Costs:	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Design	\$22,864	\$22,864	\$22,864	\$22,864	\$22,864	\$0
Construction	\$170,231	\$170,231	\$170,231	\$170,231	\$170,231	\$0
Miscellaneous/Other	\$1,905	\$1,905	\$1,905	\$1,905	\$1,905	\$0
TOTAL	\$195,000	\$195,000	\$195,000	\$195,000	\$195,000	\$0

Operating Description: No additional O and M is needed at this time.

Project: 79516 - Airport-RSA Remove Blast Fence (I)

Funding Source:

Grants/City Match

Project Description: Remove the blast fences in the runway safety area (RSA) at the end of runway 19.

Capital Costs:	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Design	\$34,223	\$0	\$0	\$0	\$0	\$0
Construction	\$255,420	\$0	\$0	\$0	\$0	\$0
Miscellaneous/Other	\$2,857	\$0	\$0	\$0	\$0	\$0
TOTAL	\$292,500	\$0	\$0	\$0	\$0	\$0

Operating Description: No additional O and M is needed at this time.

Project: 79503 - Airport - Tower & Radio Upgrad (R)

Funding Source:

Grants/City Match

Project Description: This grant is to replace outdated radio communication equipment in the tower. Included in this grant is the replacement of the runway precision approach path indicator lighting at both ends of the runway.

Capital Costs:	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
FY 2011 Carryover	\$37,261	\$0	\$0	\$0	\$0	\$0
TOTAL	\$37,261	\$0	\$0	\$0	\$0	\$0

Operating Description: No additional O and M is needed.

* New Project

N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset

FY 2011-2020 Capital Improvement Plan

Capital Project Expenses Detail

2120 - Airport Capital Grants

Category: Other

Project: 79511 - Airport-Master Plan (R)

Funding Source:

Grants/City Match

Project Description:

The Airport Master Plan was updated in 2008 and is a document that guides the airport with future development, grant funding of capital improvements and forecasts aircraft operations. The FAA recommends updates to the master plan every 5-10 years.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Miscellaneous/Other	\$0	\$0	\$300,000	\$0	\$0	\$0
TOTAL	\$0	\$0	\$300,000	\$0	\$0	\$0

Operating Description:

No additional O and M is needed at this time.

Project: T1460 - Runway Land Purchase (N)

Funding Source:

Grants/City Match

Project Description:

Acquire 36 acres of land north of approach to runway 19 for runway protection zone.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Land	\$0	\$0	\$14,625,000	\$0	\$0	\$0
TOTAL	\$0	\$0	\$14,625,000	\$0	\$0	\$0

Operating Description:

No additional O and M is needed at this time.

Project: T1461 - Airport-EA Land Acq. 36 Acres (N)

Funding Source:

Grants/City Match

Project Description:

Environmental assessment on the acquisition of 36 acres to protect the runway safety area off the end of runway 19.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Miscellaneous/Other	\$0	\$200,000	\$0	\$0	\$0	\$0
TOTAL	\$0	\$200,000	\$0	\$0	\$0	\$0

Operating Description:

No additional O and M is needed at this time.

Project: T1462 - Airport-Capacity Study (N)

Funding Source:

Grants/City Match

Project Description:

The capacity study is a joint study between the City of Glendale and John F. Long to determine if there is a need for a second runway.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Miscellaneous/Other	\$0	\$100,000	\$0	\$0	\$0	\$0
TOTAL	\$0	\$100,000	\$0	\$0	\$0	\$0

Operating Description:

No additional O and M is needed at this time.

* New Project

N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset

FY 2011-2020 Capital Improvement Plan

Capital Project Expenses Detail

2120 - Airport Capital Grants

Category: Other

Project: T1463 - Airport-EA East TWY, NW Ramp (N)

Funding Source:

Grants/City Match

Project Description:

Environmental assessment (EA) required for the construction of an eastside taxiway and NW ramp for future aviation development on the eastside of the airport property.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Miscellaneous/Other	\$0	\$0	\$0	\$250,000	\$0	\$0
TOTAL	\$0	\$0	\$0	\$250,000	\$0	\$0

Operating Description:

No additional O and M is needed at this time.

Project: T1467 - Airport-EA RSA Improvements (N)

Funding Source:

Grants/City Match

Project Description:

Environmental assessment (EA) for runway safety area (RSA) improvements.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Miscellaneous/Other	\$0	\$0	\$200,000	\$0	\$0	\$0
TOTAL	\$0	\$0	\$200,000	\$0	\$0	\$0

Operating Description:

No additional O and M is needed at this time.

Project: T1469 - Airport-Eastside Taxiway (N)

Funding Source:

Grants/City Match

Project Description:

Build eastside taxiway and ramps for future expansion of airport facilities that are needed for future growth of forecasted aviation. The taxiway and ramps are for movement of aircraft to hangars and support services.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Design	\$0	\$0	\$0	\$0	\$845,200	\$0
Construction	\$0	\$0	\$0	\$0	\$4,910,200	\$0
Miscellaneous/Other	\$0	\$0	\$0	\$0	\$56,600	\$0
TOTAL	\$0	\$0	\$0	\$0	\$5,812,000	\$0

Operating Description:

No additional O and M is needed at this time.

Project: T1470 - Airport-EMAS Taxiway Pvmt (N)

Funding Source:

Grants/City Match

Project Description:

Design and pave taxiway on runway 01 for Engineered Materials Arresting Systems (EMAS) product.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Design	\$0	\$0	\$0	\$74,529	\$0	\$0
Construction	\$0	\$0	\$0	\$556,450	\$0	\$0
Miscellaneous/Other	\$0	\$0	\$0	\$6,021	\$0	\$0
TOTAL	\$0	\$0	\$0	\$637,000	\$0	\$0

Operating Description:

No additional O and M is needed at this time.

* New Project

N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset

FY 2011-2020 Capital Improvement Plan

Capital Project Expenses Detail

2120 - Airport Capital Grants

Category: Other

Project: T1471 - Airport-EMAS Design/Constr (N)

Funding Source:

Grants/City Match

Project Description:

Design and construct Engineered Materials Arresting Systems (EMAS) at runway's 01 and 19 in the runway safety areas to stop aircraft that are in an emergency situation and have run out of runway length.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Design	\$0	\$0	\$0	\$0	\$796,200	\$0
Construction	\$0	\$0	\$0	\$0	\$6,283,800	\$0
Miscellaneous/Other	\$0	\$0	\$0	\$0	\$120,000	\$0
TOTAL	\$0	\$0	\$0	\$0	\$7,200,000	\$0

Operating Description:

No additional O and M is needed at this time.

* New Project

N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset